

# **FILE PDF IDEAS OF GEOMETRIC CITY PROJECTS**

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## **Ideas Of Geometric City Projects Introduction**

### **Resources in Education**

The second edition of *The Urban Design Reader* draws together the very best of classic and contemporary writings to illuminate and expand the theory and practice of urban design. Nearly 50 generous selections include seminal contributions from Howard, Le Corbusier, Lynch, and Jacobs to more recent writings by Waldheim, Koolhaas, and Sorkin. Following the widespread success of the first edition of *The Urban Design Reader*, this updated edition continues to provide the most important historical material of the urban design field, but also introduces new topics and selections that address the myriad challenges facing designers today. The six part structure of the second edition guides the reader through the history, theory and practice of urban design. The reader is initially introduced to those classic writings that provide the historical precedents for city-making into the twentieth century. Part Two introduces the voices and ideas that were instrumental in establishing the foundations of the urban design field from the late 1950s up to the mid-1990s. These authors present a critical reading of the design professions and offer an alternative urban design agenda focused on vital and lively places. The authors in Part Three provide a range of urban design rationales and strategies for reinforcing local physical identity and the creation of memorable places. These selections are largely describing the outcomes of mid-century urban design and voicing concerns over the placeless quality of contemporary urbanism. The fourth part of the Reader explores key issues in urban design and development. Ideas about sprawl, density, community health, public space and everyday life are the primary focus here. Several new selections in this part of the book also highlight important international development trends in the Middle East and China. Part Five presents environmental challenges faced by the built environment professions today, including recent material on landscape urbanism, sustainability, and urban resiliency. The final part examines professional practice and current debates in the field: where urban designers work, what they do, their roles, their fields of knowledge and their educational development. The section concludes with several position pieces and debates on the future of urban design practice. This book provides an essential resource for students and practitioners of urban design, drawing together important but widely dispersed writings. Part and section introductions are provided to assist readers in understanding the context of the material, summary messages, impacts of the writing, and how they fit into the larger picture of the urban design field.

### **The Urban Design Reader**

As population growth accelerates, researchers and professionals face challenges as they attempt to plan for the future. E-planning is a significant component in addressing the key concerns as the world population moves towards urban environments. *E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications* contains a compendium of the latest academic material on the emerging interdisciplinary areas of e-planning and collaboration. Including innovative studies on data management, urban development, and crowdsourcing, this multi-volume book is an ideal source for planners, policymakers, researchers, and graduate students interested in how recent technological advancements are enhancing the traditional practices in e-planning.

## **E-Planning and Collaboration: Concepts, Methodologies, Tools, and Applications**

This work seeks to contribute to the national dialogue regarding best practices in teaching middle school mathematics. The authors are committed to improving mathematics achievement and opportunities for students whose inherited circumstances place them at a perceptible disadvantage. Most refer to said students as “risks.” We hold the position that these students, irrespective of their backgrounds, possess Hidden or Unmet Potential and the unveiling of their potential can be accelerated when they are exposed to high-quality mathematics teaching. This book is a practitioner’s guide to creative mathematics activities centered on algebraic, proportional, and geometric reasoning aligned with mathematics standards. This approach has the potential to accelerate the mathematical confidence and accentuate the mathematical proficiencies of students.

## **Strengthening Mathematical Reasoning among Middle School Students with Hidden or Unmet Potential**

This important work, now available in paperback, from Professor Geoffrey Broadbent, provides a clear analysis of the nature of many of today's design problems, identifying their causes in history and suggesting a basis for co-ordinated solutions. The author discusses ‘picturesque’ and ‘formal’ tendencies in modern architecture, relating them to parallels between philosophic thought and design theory through the ages. Using a wealth of international examples from around the world including America, UK, Italy, Germany and France and with over 250 photographs and illustrations, *Emerging Concepts in Space Design* offers a fascinating insight into the history and likely future directions of urban design.

## **Early Adolescence**

As populations have continued to grow and expand, many people have made their homes in cities around the globe. With this increase in city living, it is becoming vital to create intelligent urban environments that efficiently support this growth and simultaneously provide friendly and progressive environments to both businesses and citizens alike. *Smart Cities and Smart Spaces: Concepts, Methodologies, Tools, and Applications* is an innovative reference source that discusses social, economic, and environmental issues surrounding the evolution of smart cities. Highlighting a range of topics such as smart destinations, urban planning, and intelligent communities, this multi-volume book is designed for engineers, architects, facility managers, policymakers, academicians, and researchers interested in expanding their knowledge on the emerging trends and topics involving smart cities.

## **Emerging Concepts in Urban Space Design**

*Urban Nation: Australia's Planning Heritage* provides the first national survey of the historical impact of urban planning and design on the Australian landscape. This ambitious account looks at every state and territory from the earliest days of European settlement to the present day. It identifies and documents hundreds of places - parks, public spaces, redeveloped precincts, neighbourhoods, suburbs up to whole towns - that contribute to the distinctive character of urban and suburban Australia. It sets these significant planned landscapes within the broader context of both international design trends and Australian efforts at nation and city building.

## **Smart Cities and Smart Spaces: Concepts, Methodologies, Tools, and Applications**

Designed for a junior-senior level course for mathematics majors, including those who plan to teach in secondary school. The first chapter presents several finite geometries in an axiomatic framework, while Chapter 2 continues the synthetic approach in introducing both Euclids and ideas of non-Euclidean geometry. There follows a new introduction to symmetry and hands-on explorations of isometries that precedes an extensive analytic treatment of similarities and affinities. Chapter 4 presents plane projective geometry both

synthetically and analytically, and the new Chapter 5 uses a descriptive and exploratory approach to introduce chaos theory and fractal geometry, stressing the self-similarity of fractals and their generation by transformations from Chapter 3. Throughout, each chapter includes a list of suggested resources for applications or related topics in areas such as art and history, plus this second edition points to Web locations of author-developed guides for dynamic software explorations of the Poincaré model, isometries, projectivities, conics and fractals. Parallel versions are available for "Cabri Geometry" and "Geometers Sketchpad".

## **Urban Nation**

This book aims to establish a community with attention to land use to achieve sustainable development and meet the needs of today's society. Urban planning depends on engineering, architectural, social and political pillars. It pursues this by proposing solutions, regulating environmental pollution and non-sustainable use of available resources. It showcases and even triggers further debate about connections between sustainable development, urban planning and technology in hopes of achieving sustainable development models that sustain urban expansion and shape cities that improve the overall quality of life. It views urban planning and development as vital fields that ensure the application of revolutionary approaches with new materials and processes incorporated in the most efficient manner.

## **A Course in Modern Geometries**

Future Cities For the first time in human history, more than 50% of the world's population lives in urban regions. Cities are the largest, most complex, and most dynamic man-made systems. They are vibrant centers of cultural life and engines that drive the global economy. Contemporary cities are environmentally, socially, and economically unsustainable. The quality of urban life is threatened by such factors as pollution, rising temperatures, limited resources, congestion, social inequalities, aging of large sectors of the world population, poverty, informality, crime, and economic imbalances. The overall planning of future cities is a challenge that can only be faced by interdisciplinary teams combining multitudes of backgrounds and expertise. eCAADe "Education and Research in Computer Aided Architectural Design in Europe" eCAADe covers Europe, Middle East, North Africa and Western Asia and works in collaboration with the four other major international associations in the field: ACADIA , ASCAAD, CAADRIA, CAADFutures and SIGRADI. eCAADe has collaborated with these associations to devise an exciting international Journal for the field called the International Journal of Architectural Computing or short IJAC.

## **Resilient and Responsible Smart Cities**

This open access book presents the exciting research results of the BMBF funded project iCity carried out at University of Applied Science Stuttgart to help cities to become more liveable, intelligent and sustainable, to become a LIScity. The research has been pursued with industry partners and NGOs from 2017 to 2020. A LIScity is increasingly digitally networked, uses resources efficiently, and implements intelligent mobility concepts. It guarantees the supply of its grid-bound infrastructure with a high proportion of renewable energy. Intelligent cities are increasingly human-centered, integrative, and flexible, thus placing the well-being of the citizens at the center of developments to increase the quality of life. The articles in this book cover research aimed to meet these criteria. The book covers research in the fields of energy (i.e. algorithms for heating and energy storage systems, simulation programs for thermal local heating supply, runtime optimization of combined heat and power (CHP), natural ventilation), mobility (i.e. charging distribution and deep learning, innovative emission-friendly mobility, routing apps, zero-emission urban logistics, augmented reality, artificial intelligence for individual route planning, mobility behavior), information platforms (i.e. 3DCity models in city planning: sunny places visualization, augmented reality for windy cities, internet of things (IoT) monitoring to visualize device performance, storing and visualizing dynamic energy data of smart cities), and buildings and city planning (i.e. sound insulation of sustainable facades and balconies, multi-camera mobile systems for inspection of tunnels, building-integrated photovoltaics (BIPV) as active

façade elements, common space, the building envelopes potential in smart sustainable cities).

## **Future Cities**

The book aims at nurturing theoretic reflection on the city and the territory and working out and applying methods and techniques for improving our physical and social landscapes. The main issue is developed around the projectual dimension, with the objective of visualising both the city and the territory from a particular viewpoint, which singles out the territorial dimension as the city's space of communication and negotiation. Issues that characterise the dynamics of city development will be faced, such as the new, fresh relations between urban societies and physical space, the right to the city, urban equity, the project for the physical city as a means to reveal civitas, signs of new social cohesiveness, the sense of contemporary public space and the sustainability of urban development. Authors have been invited to explore topics that feature a pluralism of disciplinary contributions studying formal and informal practices on the project for the city and seeking conceptual and operative categories capable of understanding and facing the problems inherent in the profound transformations of contemporary urban landscapes.

## **iCity. Transformative Research for the Livable, Intelligent, and Sustainable City**

This 1997 yearbook presents a vision of how research and classroom practices related to multicultural diversity and gender equity can reinforce each other to ensure a powerful mathematics program for all students regardless of their gender, race, ethnicity, or socioeconomic status. This book contains a variety of perspectives and diverse voices that address relevant issues and suggest possible models that exemplify the vision. The yearbook is organized in five parts: (1) Issues and Perspectives; (2) Classroom Cultures; (3) Curriculum, Instruction, and Assessment; (4) Professional Development; and (5) Future Directions. The first section contains five papers that address topics such as the inclusion of blacks in the mathematics community and lessons from multicultural classrooms in Australia. The second section contains seven papers addressing topics such as ethnomathematics, bias in the classroom, and gender-equitable classrooms. Nine papers on a variety of equity issues, including integrating culture into the mathematics classroom and assessment, are presented in next section, and five papers that cover family involvement and communication strategies are included in the fourth section. The book concludes with two papers that discuss perspectives on the future direction of equity efforts in mathematics education. (DDR)

## **City Project and Public Space**

New technologies have the power to augment many aspects of society, including public spaces and art. The impact of smart technology on urban design is vast and filled with opportunity and has profound implications on the everyday urban environment. Only by starting new conversations can we develop further contemporary insights that will affect how we move through the world. *Reconstructing Urban Ambiance in Smart Public Places* is a pivotal reference source that provides contemporary insights into a comprehensive interpretation of urban ambiances in smart places as it relates to the development of cities or to various levels of intervention in extant urban environments. The book also examines the impact of architectural design on the creation of urban ambience in artworks and how to reflect this technique in the fields of professional architectural practice. While covering a wide range of topics including wellbeing, quality-related artistry, and atmosphere, this publication combines smart technological innovation with creative design principles. This book is ideally designed for civil engineers, urban designers, architects, entrepreneurs, policymakers, researchers, academicians, and students.

## **Multicultural and Gender Equity in the Mathematics Classroom**

This volume contains the papers presented at the International Conference on Challenges in Mathematics Education for the Next Decade held from September 10-15, 2017 in Balatonfüred, Hungary. The Conference was organized by The Mathematics Education for the Future Project – an international educational

project founded in 1986.

## **Reconstructing Urban Ambiance in Smart Public Places**

Urban Design: A Typology of Procedures and Products, 2nd Edition provides a comprehensive and accessible introduction to urban design, defining the field and addressing the controversies and goals of urban design. Including over 50 updated international case studies, this new edition presents a three-dimensional model with which to categorize the processes and products involved: product type, paradigm type, and procedural type. The case studies not only illuminate the typology but provide information that designers can use as precedents in their own work. Uniquely, these case study projects are framed by the design paradigm employed, categorized by procedural type instead of instrumental or land use function. The categories used here are Total Urban Design, All-of-a-piece Urban Design, Plug-in Urban Design, and Piece-by-piece Urban Design. Written for both professionals and those encountering urban design in their day-to-day life, Urban Design is an essential introduction to the field and practice, considering the future direction of the field and what can be learned from the past.

## **Yearbook - National Council of Teachers of Mathematics**

Frameworks for Integrated Project-Based Instruction in STEM Disciplines presents an original approach to Science, Technology, Engineering, and Mathematics (STEM) centric project based instruction. We approach project based instruction from an engineering design philosophy and the accountability highlighted in a standards-based environment. We emphasize a backward design that is initiated by well-defined outcomes tied to local, state, or national standards that provide teachers with a framework guiding students' design, solving, or completion of ill-defined tasks. In project-based STEM classrooms students investigate, utilize technological tools, construct artifacts, participate in debates, collaborate, and make products to demonstrate what they have learned. Features include deep coverage of four topics in PBI: scaffolding, student-driven inquiry, driving questions, and development of lessons based on national and state standards. This focus will ensure a deep understanding by the reader of project-based instruction, which will allow the reader to create strong and meaningful lesson experiences for their students. An emphasis on student-driven inquiry will be discussed, including the importance of giving students the cognitive tools, such as statistical analysis tools, they need to research and inquire about the lesson topic. A breakdown of what a successful driving question includes will be explained, and examples given. The book will include strategies for starting the lesson process with ending goals in mind by creating driving questions and breaking down state and national standards. This book is strongly rooted in research in the learning sciences about project-based instruction, but will also be designed to be practically useful to teachers and teacher educators and researchers by bridging research and practice.

## **The Mathematics Education for the Future Project – Proceedings of the 14th International Conference**

Reconstructing Italy traces the postwar transformation of the Italian nation through an analysis of the Ina-Casa plan for working class housing, established in 1949 to address the employment and housing crises. Government sponsored housing programs undertaken after WWII have often been criticized as experiments that created more social problems than they solved. The neighborhoods of Ina-Casa stand out in contrast to their contemporaries both in terms of design and outcome. Unlike modernist high-rise housing projects of the period, Ina-Casa neighborhoods are picturesque and human-scaled and incorporate local construction materials and methods resulting in a rich aesthetic diversity. And unlike many other government forays into housing undertaken during this period, the Ina-Casa plan was, on the whole, successful: the neighborhoods are still lively and cohesive communities today. This book examines what made Ina-Casa a success among so many failed housing experiments, focusing on the tenuous balance struck between the legislation governing Ina-Casa, the architects who led the Ina-Casa administration, the theory of design that guided architects working on the plan, and an analysis of the results-the neighborhoods and homes constructed. Drawing on

the writings of the architects, government documents, and including brief passages from works of neorealist literature and descriptions of neorealist films by Pier Paolo Pasolini, Italo Calvino and others, this book presents a portrait of the postwar struggle to define a post-Fascist Italy.

## **Urban Design**

Regardless of the field or discipline, technology is rapidly advancing, and individuals are faced with the challenge of adapting to these new innovations. To remain up-to-date on the current practices, teachers and administrators alike must constantly stay informed of the latest advances in their fields. *Teacher Training and Professional Development: Concepts, Methodologies, Tools, and Applications* contains a compendium of the latest academic material on the methods, skills, and techniques that are essential to lifelong learning and professional advancement. Including innovative studies on teaching quality, pre-service teacher preparation, and faculty enrichment, this multi-volume book is an ideal source for academics, professionals, students, practitioners, and researchers.

## **Frameworks for Integrated Project-Based Instruction in STEM Disciplines**

"This book proposes simulation games supported by the most recent discoveries and advances in theories of learning research, and gears operational decisions toward the development of an integrated system for the teaching of mathematics in primary schools"--Provided by publisher.

## **Reconstructing Italy**

This book is a useful reference in the field of urbanism. It explains how the contemporary city and landscape have been shaped by certain twentieth century visions that have carried over into the twenty-first century. Aimed at both students and professionals, this collection of essays on diverse subjects and cases does not attempt to establish universal interpretations; it rather highlights some outstanding episodes that help us understand why the planning culture has given way to other forms of urbanism, from urban design to strategic urbanism or landscape urbanism. Compared with global interpretations of urbanism based on socioeconomic history or architectural historiography, *Urban Visions. From Planning Culture to Landscape Urbanism*, aims to present the discipline couched in international contemporary debate and adopt a historic and comparative perspective. The book's contents pertain equally to other related disciplines, such as architecture, urban history, urban design, landscape architecture and geography. Foreword by Rafael Moneo.

## **Historical Legacies of Land Use in Cities; Parks, Open Spaces and Potential for Green Infrastructure- Ideas of City Nature in an Urbanizing Planet**

Business transactions and partnerships across borders have become easier than ever due to globalization and global digital connectivity. As part of this shift in the business sphere, managers, executives, and strategists across industries must acclimate themselves with the challenges and opportunities for conducting business globally. *International Business: Concepts, Methodologies, Tools, and Applications* presents the latest research innovations focusing on cross-cultural communications and training, international relations, multinational enterprises, outsourcing, international business strategies, and competitive advantage in the global marketplace. This publication is an exhaustive multi-volume work essential to academic and corporate libraries who serve researchers, scholars, business executives and professionals, and graduate-level business students.

## **Teacher Training and Professional Development: Concepts, Methodologies, Tools, and Applications**

Drawing on detailed design, construction and financial histories of six prominent Performing Arts buildings

with budgets ranging from £3.4 million to over £100 million, *Geometry and Atmosphere* presents unique and valuable insights into the complex process of building for the arts. Each theatre project, from tailor-made spaces for avant-garde companies to iconic and innovative receiving houses, yields surprising and counter-intuitive findings. For each of the six projects, the authors have interviewed all those involved. Combining these interviews with exhaustive archival research, the authors then provide cross-case analysis which is distilled into guidance for all stakeholders as they transform their initial vision into built reality. In particular, the book challenges the technical focus of existing design guides for the Performing Arts by suggesting that current practice in briefing and design does not serve the Arts community especially well. It shows that there is a need for an approach in which the focus is firmly rooted in the delivery of the driving artistic vision. As well as being of interest to architects, urban designers and those involved in theatre studies, this book will be useful to other sectors where public money is spent on major building projects.

## **Simulation and Gaming for Mathematical Education**

*Theorising the Project* aims to explore a thematic approach to architectural design. It conceptualises the design process in a general sense through seven key phases: developing a thematic framework and a line of inquiry to situate the project; investigating the project brief and mapping the project site to unravel potential themes and questions; situating technology as a formative condition for design; analysing precedents from the arts, literature and architecture to elaborate implications for design and considering representation as equally constitutive of the design undertaking. Key themes which are unpacked using extensive etymologies and metaphorical associations include theory, mapping, the makeshift, potentiality and agency. The concepts of assemblage and emergence are developed to contextualise the design process and architectural settings as enabling infrastructures for thinking and practice. The book contends that design is a matter of setting up strategic and productive thematic assemblages that are not directed to the translation or formal expression of meaning, but to the framing of strategic and enabling conditions for emergent sense realised within the existential and material conditions of architecture. Succinct analyses of precedents across several disciplines are used to foreground tectonic and compositional characteristics with adaptational capacity for space, time, materiality and architectural narrative. The thematic framework of the book engages theoretical material by Giorgio Agamben, Gilles Deleuze, Martin Heidegger, Francois Jullien, Manuel De Landa and Jean-Luc Nancy. Illustrated with drawings and photographs by the author, the book will be of interest to practitioners and students of art, design and the built environment who wish to expand the foundational premises for design, widen the creative scope of their practice and exploit the thematic and metaphorical capacities of their project work.

## **Urban Visions**

Throughout the early twentieth century, waves of migration brought working-class people to the outskirts of Buenos Aires. This prompted a dilemma: Where should these restive populations be situated relative to the city's spatial politics? Might housing serve as a tool to discipline their behavior? Enter Antonio Bonet, a Catalan architect inspired by the transatlantic modernist and surrealist movements. Ana María León follows Bonet's decades-long, state-backed quest to house Buenos Aires's diverse and fractious population. Working with totalitarian and populist regimes, Bonet developed three large-scale housing plans, each scuttled as a new government took over. Yet these incomplete plans—Bonet's dreams—teach us much about the relationship between modernism and state power. *Modernity for the Masses* finds in Bonet's projects the disconnect between modern architecture's discourse of emancipation and the reality of its rationalizing control. Although he and his patrons constantly glorified the people and depicted them in housing plans, Bonet never consulted them. Instead he succumbed to official and elite fears of the people's latent political power. In careful readings of Bonet's work, León discovers the progressive erasure of surrealism's psychological sensitivity, replaced with an impulse, realized in modernist design, to contain the increasingly empowered population.

## **International Business: Concepts, Methodologies, Tools, and Applications**

Decision makers, such as government officials, need to better understand human activity in order to make informed decisions. With the ability to measure and explore geographic space through the use of geospatial intelligence data sources including imagery and mapping data, they are better able to measure factors affecting the human population. As a broad field of study, geospatial research has applications in a variety of fields including military science, environmental science, civil engineering, and space exploration. *Geospatial Intelligence: Concepts, Methodologies, Tools, and Applications* explores multidisciplinary applications of geographic information systems to describe, assess, and visually depict physical features and to gather data, information, and knowledge regarding human activity. Highlighting a range of topics such as geovisualization, spatial analysis, and landscape mapping, this multi-volume book is ideally designed for data scientists, engineers, government agencies, researchers, and graduate-level students in GIS programs.

## **Geometry and Atmosphere**

"A balance of sophistication and clarity in the writing, authoritative entries, and strong cross-referencing that links architects and structures to entries on the history and theory of the profession make this an especially useful source on a century of the world's most notable architecture. The contents feature major architects, firms, and professional issues; buildings, styles, and sites; the architecture of cities and countries; critics and historians; construction, materials, and planning topics; schools, movements, and stylistic and theoretical terms. Entries include well-selected bibliographies and illustrations." --"Reference that rocks," *American Libraries*, May 2005.

## **Theorising the Project**

The revised and updated second edition of *Introduction to Cities* explores why cities are such a vital part of the human experience and how they shape our everyday lives. Written in engaging and accessible terms, *Introduction to Cities* examines the study of cities through two central concepts: that cities are places, where people live, form communities, and establish their own identities, and that they are spaces, such as the inner city and the suburb, that offer a way to configure and shape the material world and natural environment. *Introduction to Cities* covers the theory of cities from an historical perspective right through to the most recent theoretical developments. The authors offer a balanced account of life in cities and explore both positive and negative themes. In addition, the text takes a global approach, with examples ranging from Berlin and Chicago to Shanghai and Mumbai. The book is extensively illustrated with updated maps, charts, tables, and photographs. This new edition also includes a new section on urban planning as well as new chapters on cities as contested spaces, exploring power and politics in an urban context. It contains; information on the status of poor and marginalized groups and the impact of neoliberal policies; material on gender and sexuality; and presents a greater range of geographies with more attention to European, Latin American, and African cities. Revised and updated, *Introduction to Cities* provides a complete introduction to the history, evolution, and future of our modern cities.

## **ENC Focus**

Ebenezer Howard, an Englishman, and Jane Jacobs, a naturalized Canadian, personify the twentieth century's opposing outlooks on cities. Howard had envisaged small towns, newly built from scratch, fashioned on single family homes with small gardens. Jacobs embraced existing inner-city neighbourhoods emphasizing the verve of the living street. From Howard's idea, the American Dream of garden suburbs had emerged, yet his conceptualization of a modern city received criticism for being uniform and alienated from the rest of the city. Similarly, at the turn of the new century, Jacobs' inner-city neighbourhoods came to be recognized as the result of commodification, vacillating between poverty and newly discovered hubs of urban authenticity. Presenting Howard and Jacobs within a psychocultural context, *The Urban Archetypes of Jane Jacobs and Ebenezer Howard* addresses our urban crisis in the recognition that "city form" is a gendered, allegorical



medium expressing femininity and masculinity within two founding features of the built environment: void and volume. Both founding contrasts bring tensions, but also the opportunities of fusion between pairs of urban polarities: human scale against superscale, gait against speed, and spontaneity against surveillance. Jacobs and Howard, in their respective attitudes, have come to embrace the two ancient archetypes, the Garden and the Citadel, leaving it to future generations to blend their two contrarian stances.

## **Modernity for the Masses**

From Georgian cities to modernist masterpieces, architecture in Ireland has a long history of excellence. The last fifteen years, however, witnessed more social, economic, and cultural change than any previous period on the island, leaving a dramatic mark on the country's architecture. A new commitment to design quality by developers and a series of government-sponsored competitions to design new civic buildings enabled Ireland to become for the first time a net importer of architectural talent. These architects, from disparate cultures and design backgrounds, filled Ireland's landscape with modern architectural masterworks, from small private homes to large community centers. In *Full Irish* author Sarah A. Lappin examines the nature of twenty-first-century Irish architectural identity as it develops its own progressive, contemporary idiom. Illustrated with color photographs and drawings, *Full Irish* includes more than seventy projects from Ireland's leading firms as well as its up-and-coming designers: Boyd Cody, Alan Jones, de Blacam and Meagher, Bucholz McEvoy, de Paor Architects, FKL Architects, Dominic Stevens, Grafton Architects, Henchion+Reuter, Hackett Hall McKnight, Heneghan.Peng, McCullough Mulvin, Hassett + Ducatez, MacGabhann Architects, O'Donnell + Tuomey, and ODOS Architects.

## **National Science Foundation Directory of NSF-supported Teacher Enhancement Projects**

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